



St Lewis' Catholic Primary School



Science Overview



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
FS Year A Working scientifically	Seasons- Autumn Ourselves What colours are in a rainbow?	Seasons- Autumn Day and Night animals Materials- shiny, dull, rough & smooth	Seasons- Winter Birds in Winter Winter clothing Planting spring bulbs	Seasons- Spring Farm animals Minibeast- life cycle of caterpillar and butterfly	Seasons- Summer Floating and sinking Grow cress plants, beans & Sunflowers.	Seasons- Summer Looking after our teeth. What is magnetic?
FS Year B Working scientifically	Look at different materials the toys are made from The bigger the car the further it travels	Seasons- Autumn Day and Night animals, Making shadows	Seasons- Winter Experimenting with magnets	Seasons- Spring Farm animals Free the marble (make marble runs)	Seasons- Summer Floating and sinking To grow beanstalks	Seasons- Summer Bubbles Bubble snakes
KS1 A	Animals including humans How a chicken has changed over time which we have done.	Animal including humans Which offspring belongs to which animal?	Habitats How would you group things to show which are living, dead, or have never been alive?	Habitats How does the habitat of the Arctic compare with the habitat of the rainforest?	Materials Do magnetic materials always conduct electricity?	Plants Do cress seeds grow quicker inside or outside?
KS1 B	Animals Including humans Is our sense of smell better when we can't see? Seasonal change	Animal including humans How does my height change over the year? Seasonal change	Materials We need to choose a material to make an umbrella. Which materials are waterproof? Seasonal change	Materials Seasonal change Does the wind always blow the same way?	Plants Do bigger seeds grow into bigger plants? Seasonal change	Plants Seasonal change
Lower KS2 A	Animals Including Humans – skeletons and nutrition Is blinking voluntary or involuntary?	Rocks and soils How are sedimentary rocks formed? How are metamorphic rocks formed?	Plants What do plants need to grow?		Health and Nutrition Food surveys	Animals Including Humans – skeletons and nutrition
Lower KS2 B	Plants and Animals – Variation and classification How can we classify living things in our school environment	Animals Including humans Which drink causes the most tooth decay?	States of Matter Investigating changes of state – water Does gas have weight?		Electricity Which materials are conductors/insulators?	Sound Which materials absorb sounds?
Upper KS2 A	Forces and magnets Do all objects fall through water in the same way?	Earth and Space How does the length of daylight hours change in each season?	Living things and their habitats How does a plant reproduce?	Animals including humans Why do people get grey/white hair when they get older?	Changes of materials How does a nail in salt water change over time?	Properties of Materials Which type of sugar dissolves the fastest?
Upper KS2 B	Living Things and their Habitats Why does mould grow on bread?	Animals including Humans Are girls fitter than boys?	Evolution and Inheritance What examples can we use to prove Darwin's Theory of Evolution?	Light How can we show that light travels in straight lines?	Electricity Investigate which materials make good conductors and insulators	